

ABSTRACT OF THE DISCLOSURE

An auto ID reader and one or two radio frequency transceivers are supported on a common support having a predetermined form factor, such as that of a scan engine module commonly utilized in hand-held bar code symbol scanners. Common digital processing circuitry is used for processing the signal from the auto ID sensor and an RF transceiver baseband signal, making a highly integrated and compact arrangement. A single Fast Fourier Transform circuit is utilized for each transceiver.

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09/23/01 09:27:04